

Arboviral Surveillance Report

August 20, 2018

Surveillance

This report provides data on week 33 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. We have successfully placed gravid and BG sentinel traps throughout the City of Chicago and continue to monitor them twice a week for the duration of the mosquito-breeding season. Forty-three (43) mosquito pools tested positive for WNV within our collections in Chicago.

Mosquitoes (data from 81 traps)

Week 33 (08/12/18 – 08/18/18)	
Total Collections (Number of Traps X Frequency of Collection)	154
Number of Female <i>Culex</i> Trapped and Tested	1,518
Number of Pools Tested	139
Number of Pools Positive	43
Number of Community Areas with Positive Mosquito Pools	21
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1,610
Number of Female <i>Culex</i> Trapped and Tested	15,062
Number of Pools Tested	1,237
Number of Pools Positive	179
Number of Community Areas with Positive Mosquito Pools	31

Community Areas with Positive Mosquito Pools (cumulative): Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edgewater, Edison Park, Forest Glen, Gage Park, Hegewisch, Lake View, Lincoln Park, Lincoln Square, New City, North Park, Norwood Park, O'Hare, Portage Park, Riverdale, South Chicago, South Deering, South Lawndale, Washington Heights, West Lawn, West Pullman, West Town

Dead Birds: To date, 7 dead birds have been collected; 2 were positive, 3 were negative, and 2 were unable to be tested

***Aedes albopictus* (cumulative):** 197 females and 92 males

Humans: 4 cases

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is high. Residents are urged to take personal protective measures against getting mosquito bites.

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins for the remainder of the summer to assess the level of control. Two areas of the City will be treated with truck ULV applications on Tuesday, August 21. Spray maps are posted on the city website.